

FIG. 1

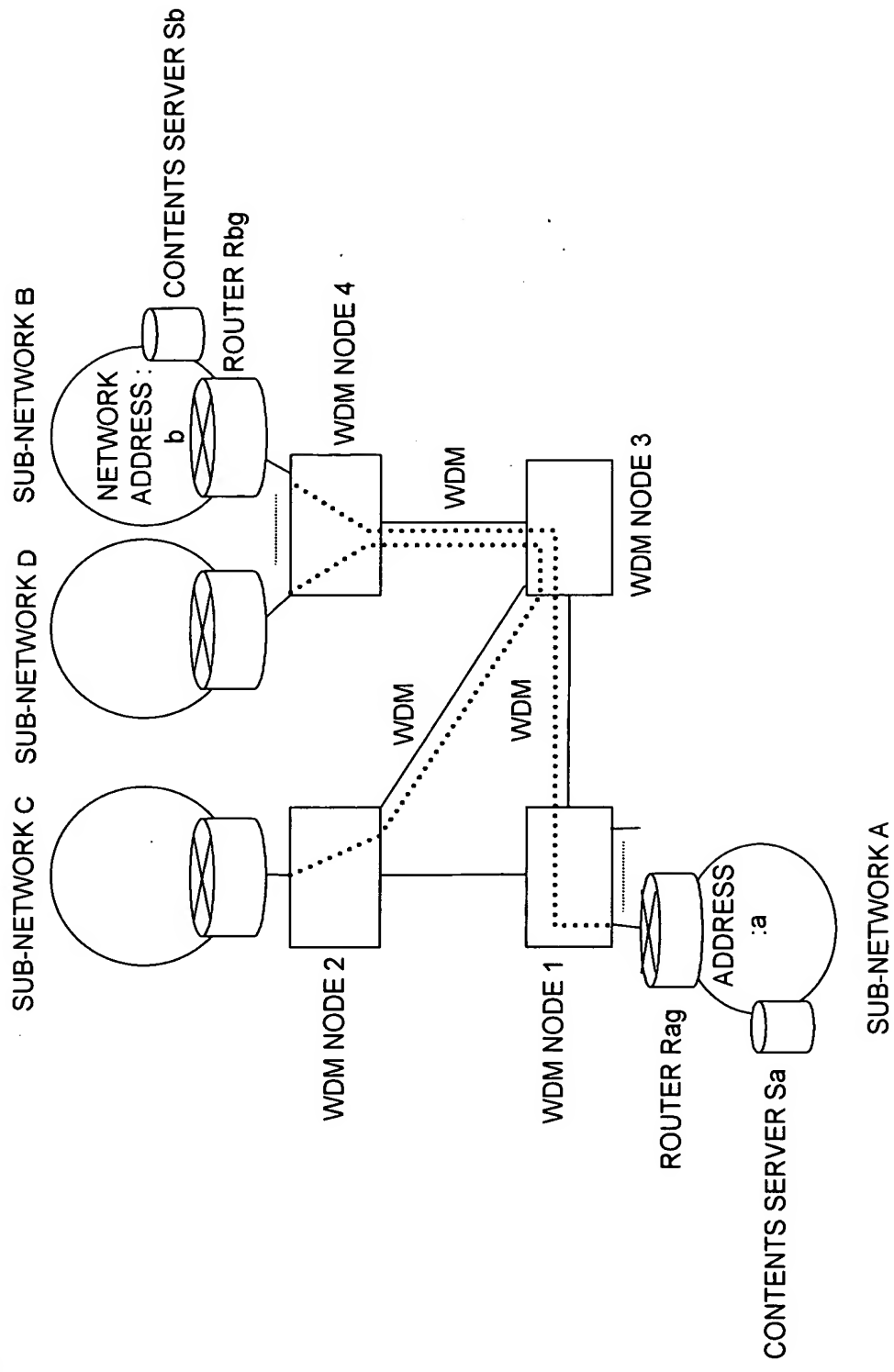


FIG. 2

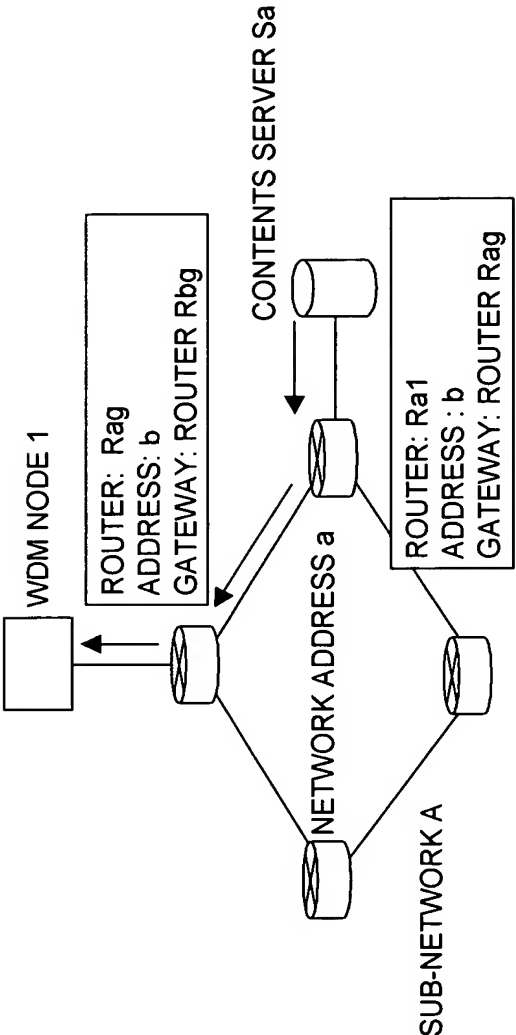


FIG. 3

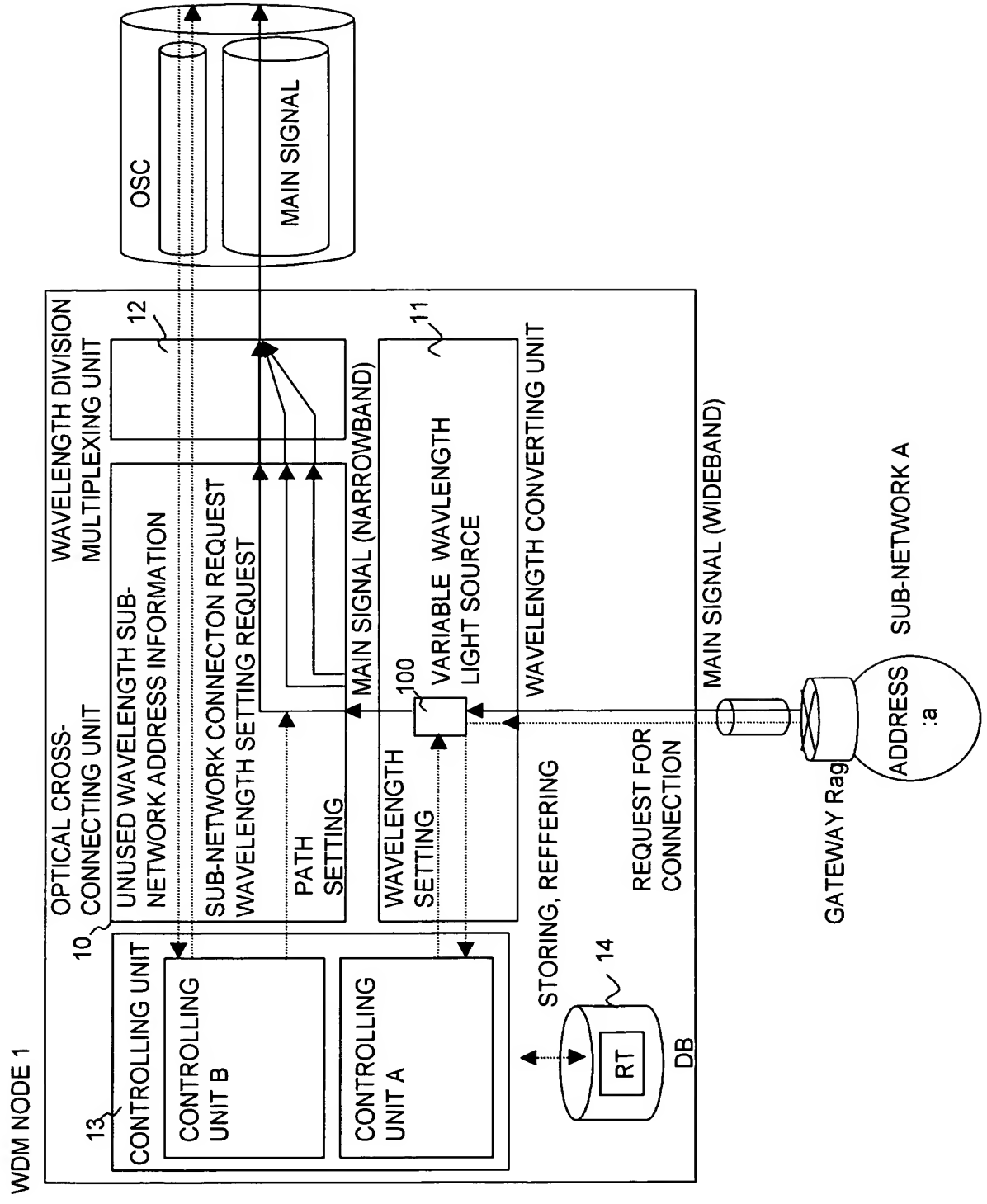
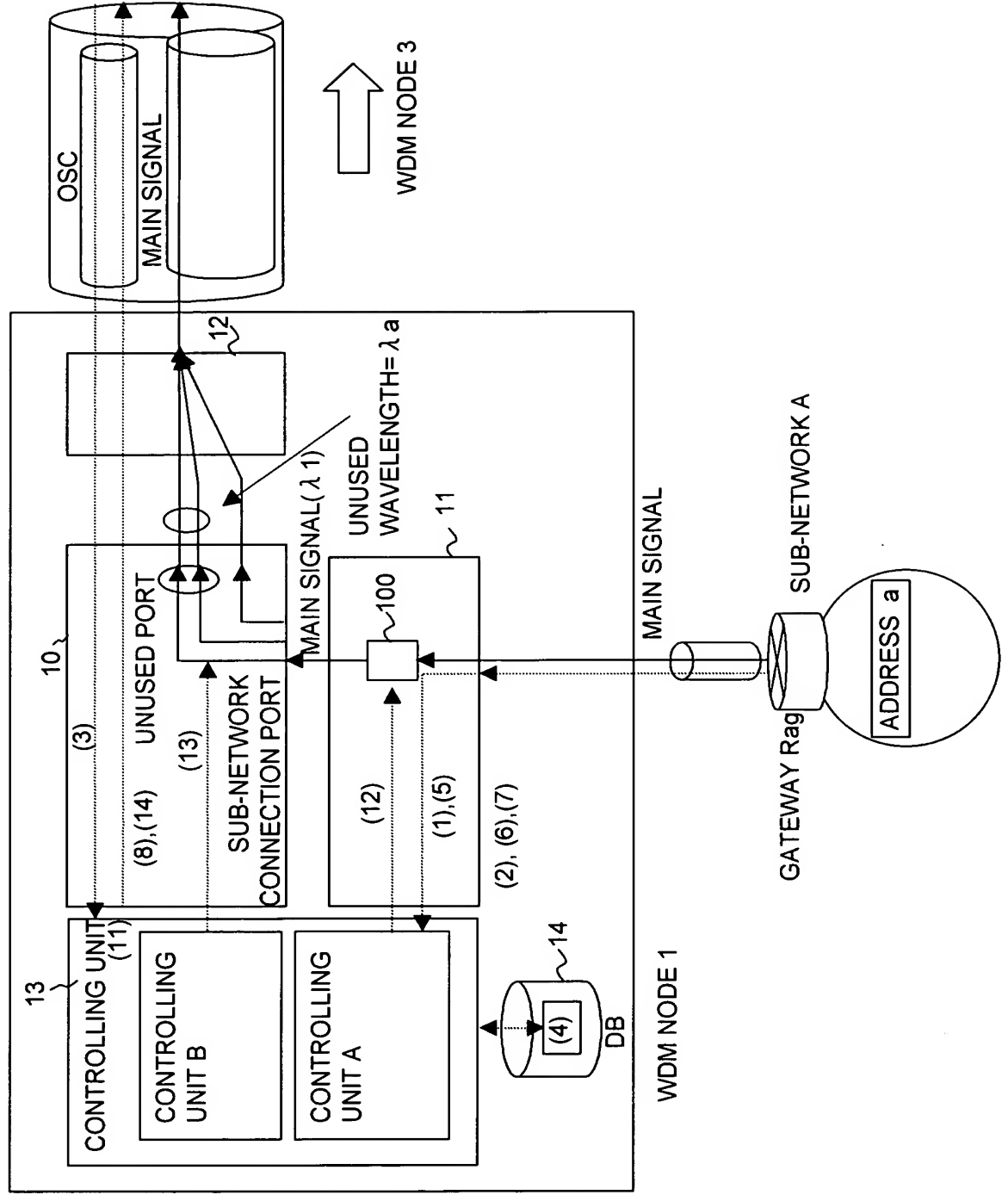


FIG. 4



**FIG. 5**

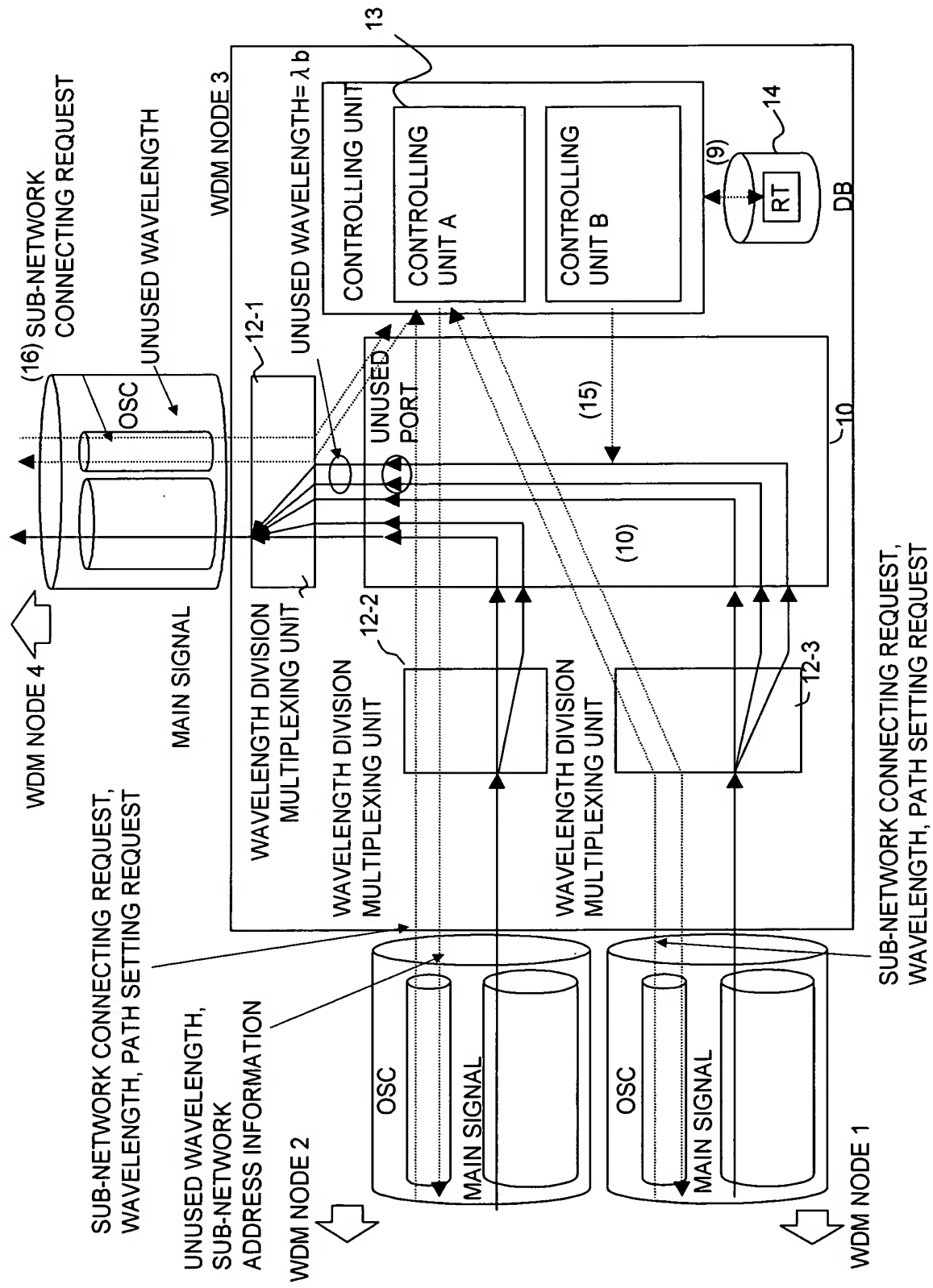


FIG. 6

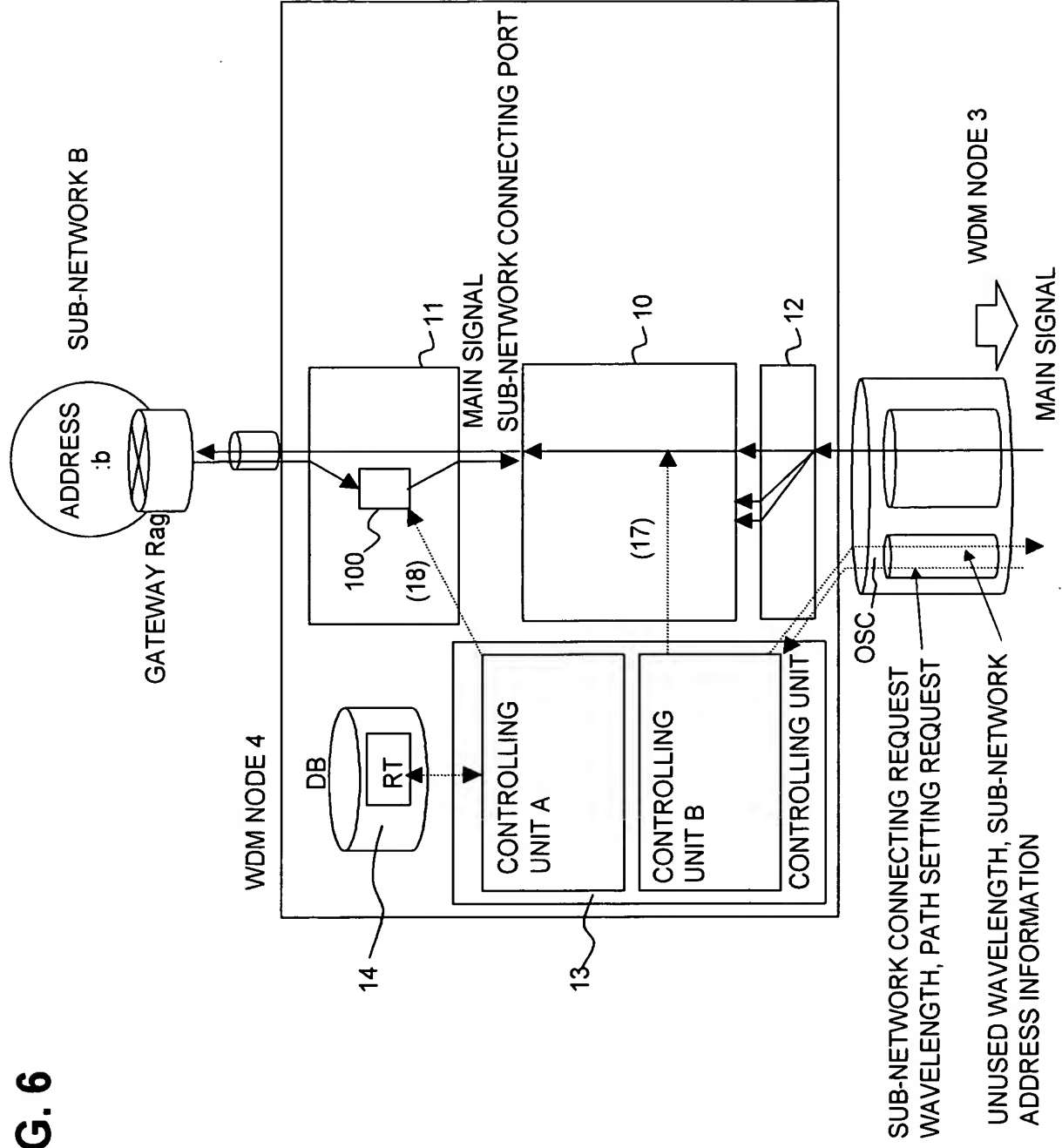
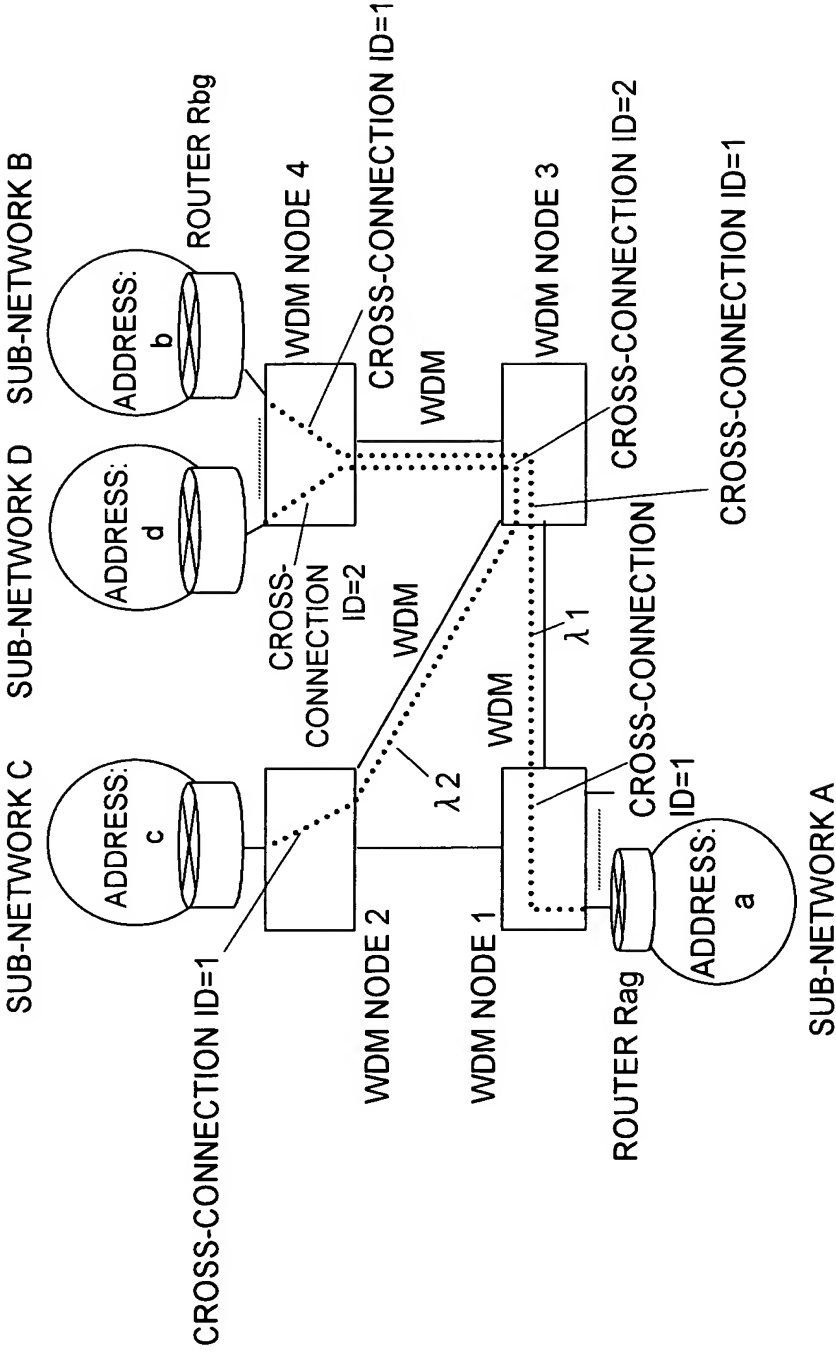


FIG. 7

I	II	III	IV	V
SUB -NETWORK -ADDRESS	UPPER LEVEL WDM NODE	CROSS CONNECTION ID	WAVELENGTH	GATEWAY WDM NODE
a	1			
b	4			
c	2			
d	4			

FIG. 8





**FIG. 9A**

SUB-NETWORK ADDRESS	UPPER-LEVEL WDM NODE	CROSS CONNECTION ID	WAVELENGTH	GATEWAY WDM NODE
a	1	1	$\lambda 1$	-
b	4	1	$\lambda 1$	3
c	2	-	-	-
d	4	-	-	-

**FIG. 9B**

SUB-NETWORK ADDRESS	UPPER-LEVEL WDM NODE	CROSS CONNECTION ID	WAVELENGTH	GATEWAY WDM NODE
a	1	-	-	-
b	4	-	-	-
c	2	1	$\lambda 2$	-
d	4	1	$\lambda 2$	3

**FIG. 9C**

SUB-NETWORK ADDRESS	UPPER-LEVEL WDM NODE	CROSS CONNECTION ID	WAVELENGTH	GATEWAY WDM NODE
a	1	1	$\lambda 1$	1
b	4	1	$\lambda 1$	4
c	2	2	$\lambda 2$	2
d	4	2	$\lambda 2$	4

**FIG. 9D**

SUB-NETWORK ADDRESS	UPPER-LEVEL WDM NODE	CROSS CONNECTION ID	WAVELENGTH	GATEWAY WDM NODE
a	1	1	$\lambda 1$	3
b	4	1	$\lambda 1$	-
c	2	2	$\lambda 2$	3
d	4	2	$\lambda 2$	-

FIG. 10

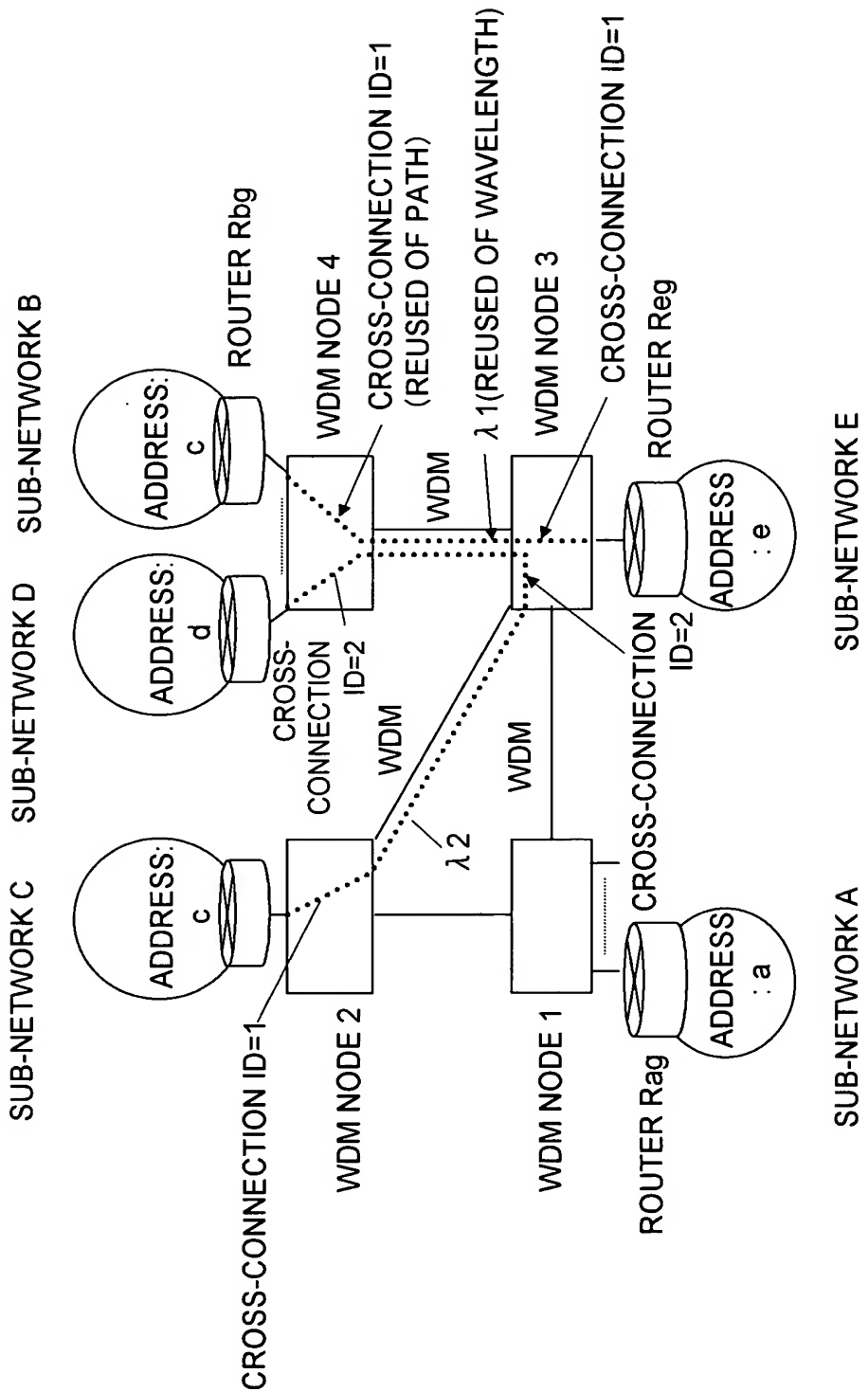


FIG. 11

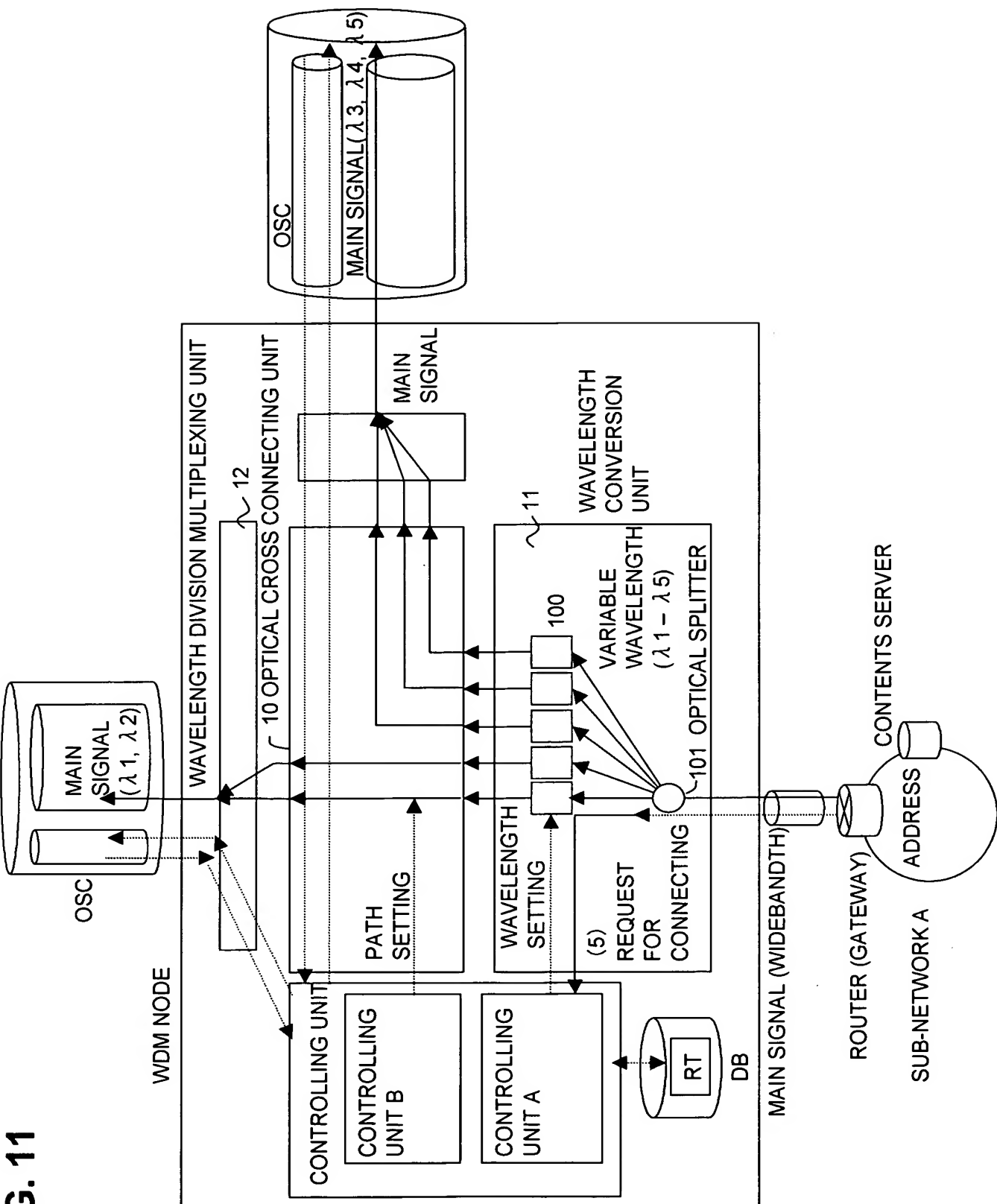


FIG. 12

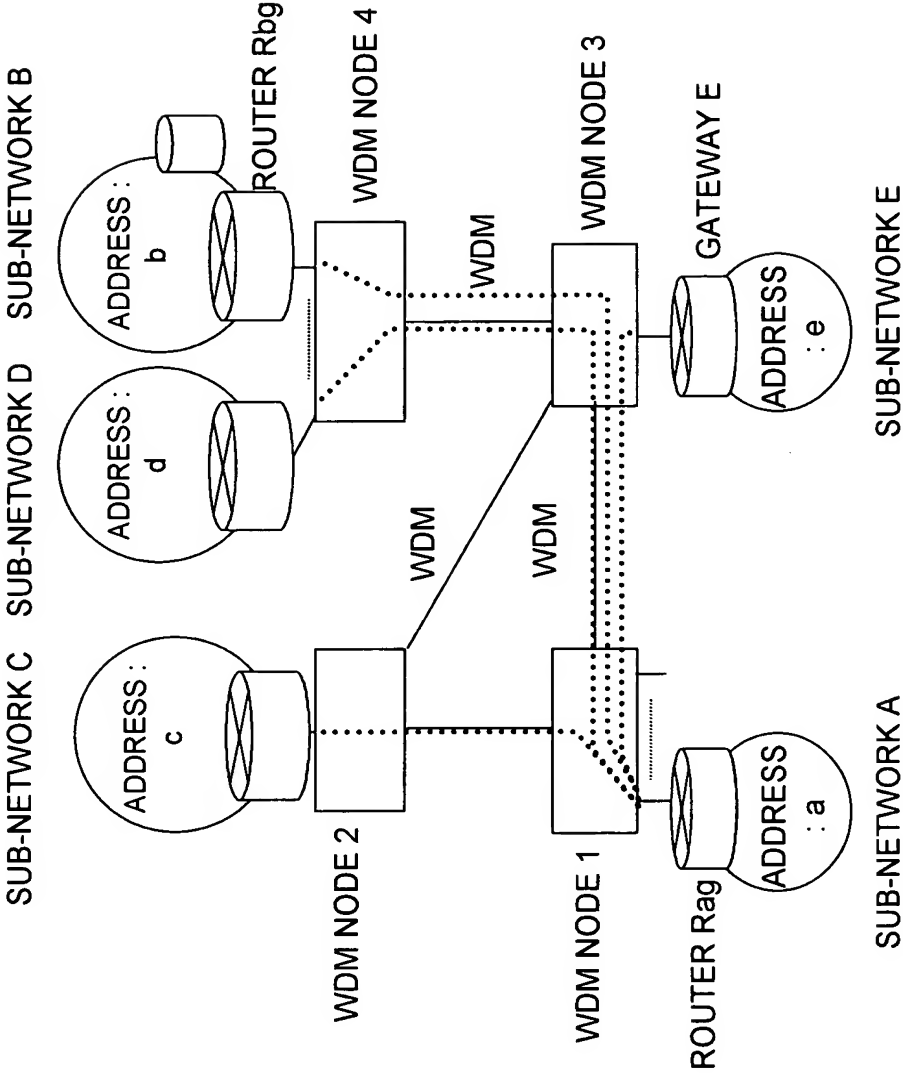


FIG. 13A

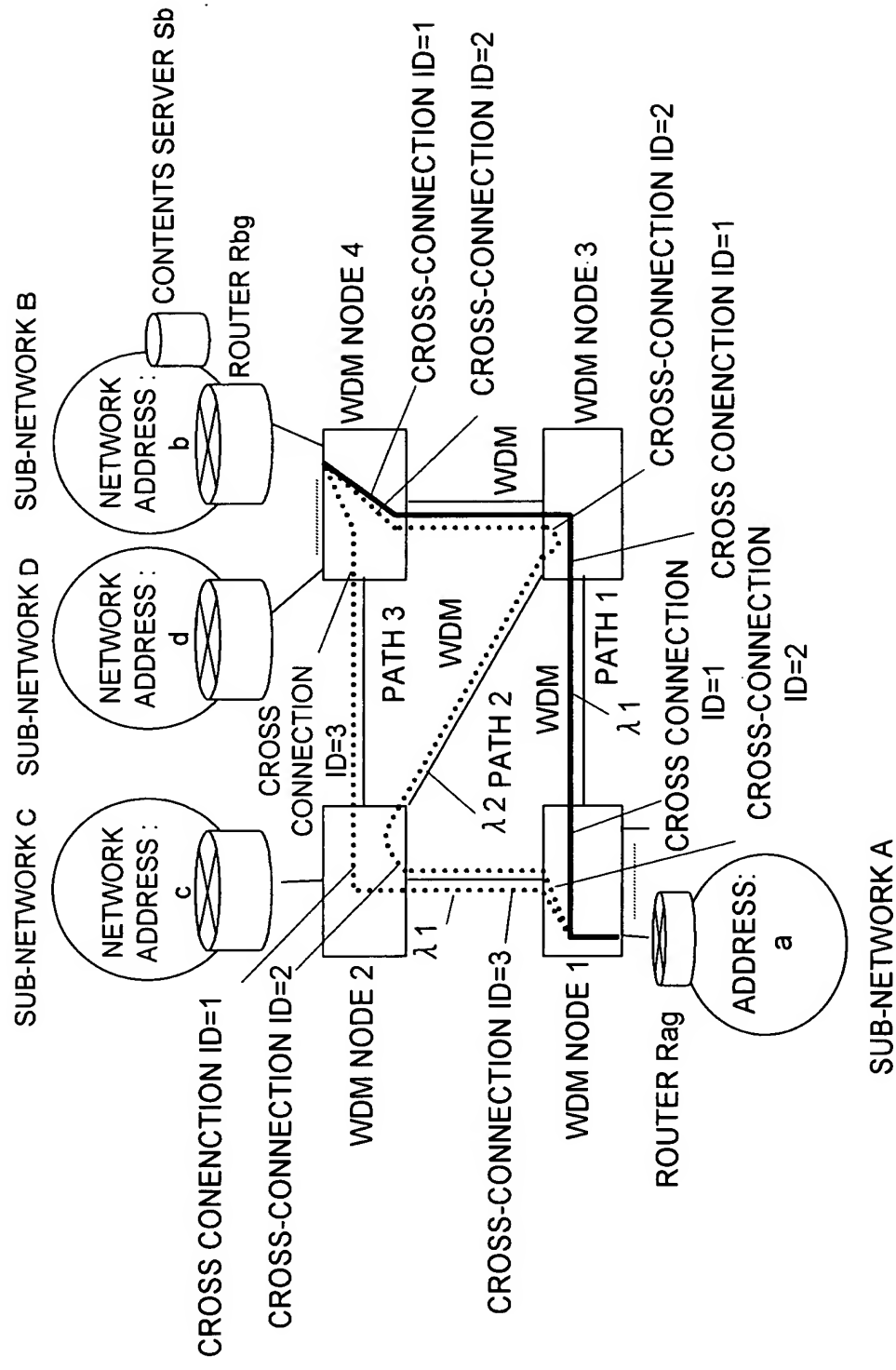


FIG. 13B

SUB-NETWORK ADDRESS	UPPER-LEVEL WDM NODE	CROSS-CONNECTION ID	WAVELENGTH	GATEWAY WDM NODE	PRIORITY
a	1	1	$\lambda 1$	-	-
b	4	1	$\lambda 1$	3	1
b	4	2	$\lambda 2$	2	2
b	4	3	$\lambda 1$	2	3
c	2	-	-	-	-
d	4	-	-	-	-

FIG. 14A

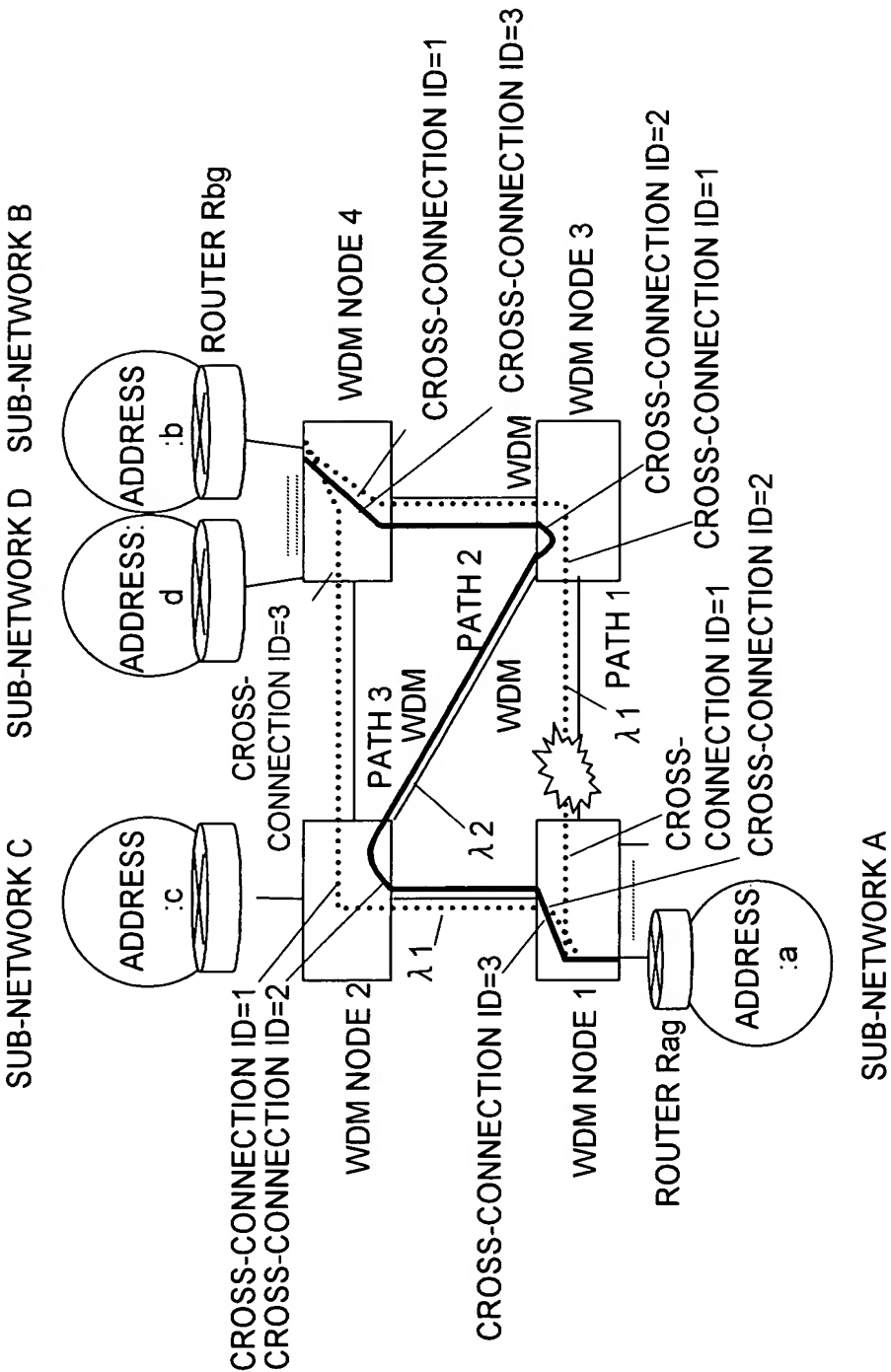


FIG. 14B

SUB-NETWORK ADDRESS	UPPER-LEVEL WDM NODE	CROSS-CONNECTION ID	WAVELENGTH	GATEWAY WDM NODE	PRIORITY
a	1	2	$\lambda 2$	-	-
b	4	1	$\lambda 1$	3	-
b	4	2	$\lambda 2$	2	1
b	4	3	$\lambda 1$	2	2
c	2	-	-	-	-
d	4	-	-	-	-